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Attorney Docket No.: YOR920010262US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Vugranam C. Sreedhar**Serial No.:** Unassigned**Filing Date:** Concurrently Herewith**Title:** **METHOD AND APPARATUS FOR PROGRAMMING
SOFTWARE COMPONENTS**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying PTO Form 1449. Copies of the listed items are enclosed.

1. Achermann et al., "Piccola – A Small Composition Language," Software Composition Group, Institute of Computer Science and Mathematics, University of Berne, Switzerland, 1-23 (2001).
2. Alderich et al., ArchJava: Connecting Software Architecture to Implementation," downloaded from <http://www.cs.washington.edu/homes/jonal/archjava/archjava-paper.pdf> on August 9, 2001.
3. Ancona et al., "Jam-A Smooth Extension of Java with Mixins," ECOOP, 154-178 (2000).
4. Ancona et al., "True Modules for Java-Like Languages," European Conference on Object-Oriented Programming Language, LNCS, Springer-Verlag, Berline (2000).
5. Beugnard et al., "Making Components Contract Aware," IEEE 38-44 (1999).
6. Clifton et al. "MultiJava: Modular Open Classes and Symmetric Multiple Dispatch for Java," 2000 ACM, (October 2000).

FORM PTO-1449 (MODIFIED)**LIST OF PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT**

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES	NO



OTHER DOCUMENTS

EXAMINER		
INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

- 1. Achermann et al., "Piccola – A Small Composition Language," Software Composition Group, Institute of Computer Science and Mathematics, University of Berne, Switzerland, 1-23 (2001).
- 2. Alderich et al., ArchJava: Connecting Software Architecture to Implementation," downloaded from <http://www.cs.washington.edu/homes/jonal/archjava/archjava-paper.pdf> on August 9, 2001.
- 3. Ancona et al., "Jam-A Smooth Extension of Java with Mixins," ECOOP, 154-178 (2000).
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Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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- ___ 7. Curbera et al., "On Component Composition Languages," Proc. of the 5th International Workshop on Component-Oriented Programming (2000).
- ___ 8. Fisher et al., "The Design of a Class Mechanism for MOBY," Proc. of the ACM SIGPLAN (1999).
- ___ 9. Flatt et al., "Units: Cool Modules for HOT Languages," Conference on Programming Language Design and Implementation (1998).
- ___ 10. Flatt et al., "A Programmer's Reduction Semantics for Classes and Mixins," TR 97-293: Corrected Version (1999).
- ___ 11. Garlan et al. "Adding Implicit Invocation to Traditional Programming Languages," IEEE (1993).
- ___ 12. Goguen., "Reusing and Interconnecting Software Components," IEEE Computers (1986).
- ___ 13. Kniesel., "Type-Safe Delegation for Run-Time Component Adaption," ECOOP, 351-366 (1999).

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14. Lorenz et al., "Designing Components Versus Objects: A Transformational Approach," International Conference on Software Engineering (2001).

15. McDirmid et al., "Jiazzi: New-Age Components for Old-Fashioned Java," Proc. of ACM Press (2001).

16. Oberon Microsystems, Inc., "Component Pascal Language Report," (1997).

17. Odersky., "Objects + Views = Components?," Abstract Machines 2000, Lecture Notes in Computer Science (2000).

18. Papadopoulos et al., "Coordination Models and Languages," Report SEN-R9834 (1998). ✓

19. Reid et al., "Knit: Component Composition for Systems Software," OSDI, 347-360 (2000).

20. Seco et al., "A Basic Model of Typed Components," ECOOP, 108-128 (2000).

21. Szyperski., "Component Software, Beyond Object-Oriented Programming," ACM Press.

22. Tarr et al., "N Degrees of Separation: Multi-Dimensional Separation of Concerns," Proc. of ICSE (1999).

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The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

Respectfully submitted,

A handwritten signature in black ink that reads "Kevin M. Mason". The signature is written in a cursive, slightly slanted style.

Date: August 9, 2001

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7. Curbera et al., "On Component Composition Languages," Proc. of the 5th International Workshop on Component-Oriented Programming (2000).
8. Fisher et al., "The Design of a Class Mechanism for MOBY," Proc. of the ACM SIGPLAN (1999).
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